

Converting Colors

CIELCh(82, 17.406, 94.410)

Have a look what the booklet for
CIELCh(82, 17.406, 94.410) contains.

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Color

CIELCh(82, 17.390, 94.420)

Conversions

Conversions Part 1

Format	Color
Hex	D7CCAC
RGB	215, 204, 172
RGB Percent	84%, 80%, 67%
CMY	0.1587, 0.2018, 0.3273
CMYK	0.00, 0.05, 0.20, 0.16
HSL	45°, 35%, 76%
HSV	45°, 20%, 84%
XYZ	56.7678, 60.2982, 47.4462
YIQ	203.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

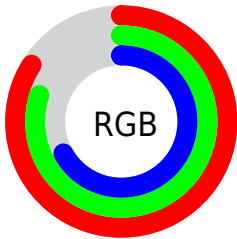
Format	Color
RYB	187, 215, 172
Decimal	14142636
CIELab	82.00, -1.34, 17.34
CIELCh	82, 17.390, 94.420
Yxy	60.2982, 0.3451, 0.3665
Android (android.graphics.Color)	4292332716 (0xFFD7CCAC)
YUV	203.6410, -15.5990, 9.9618
Hunter-Lab	77.6519, -5.3974, 18.1294

Details

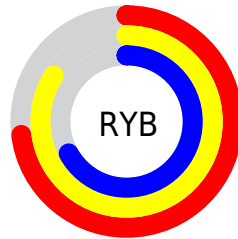
The CIELCh color **82, 17.390, 94.420** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 17.608, 279.576**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **62, 17.229, 94.266** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.208, 93.169**, and if you desaturate by 10%, it is **84, 8.653, 95.641**.

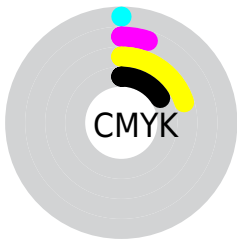
Distribution



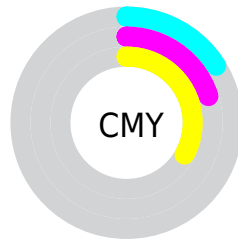
- Red (84%)
- Green (80%)
- Blue (67%)



- Red (73%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 17.390, 94.420 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 17.390, 94.420 by changing the saturation by 10% instead.

 82, 17.390, 94.420

 82, 17.390, 94.420

 100, 17.390,
94.420

 72, 17.390, 94.420

 62, 17.390, 94.420

 52, 17.390, 94.420

 42, 17.390, 94.420

 32, 17.390, 94.420

 22, 17.390, 94.420

 12, 17.390, 94.420

 2, 17.390, 94.420

 0, 17.390, 94.420

82, 17.390, 94.420

82, 17.390, 94.420

80, 26.208, 93.169

84, 8.653, 95.641

78, 35.042, 91.876

86, 0.020, 86.999

77, 43.780, 90.551

88, 8.494, 278.007

75, 52.214, 89.191

90, 15.702,
277.967

73, 59.986, 87.780

91, 13.488,
267.153

72, 66.526, 86.273

93, 11.913,
252.951

70, 71.083, 84.588

69, 73.401, 82.666

94, 11.231,
235.936

95, 11.585,
218.529

97, 12.874,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 17.390, 94.420



74, 17.608, 279.576

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 17.390, 94.420



82, 17.390, 144.420



82, 17.390, 274.420



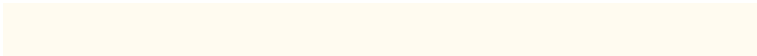
82, 17.390, 324.420

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 17.391, 94.427



99, 5.932, 96.101



74, 17.465, 0.353



53, 3.937, 96.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 17.391, 94.427



95, 24.027, 93.903



84, 22.781, 117.982



44, 4.885, 95.713



56, 62.020, 83.031



13, 19.344, 86.405

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74, 17.608, 279.576



84, 24.394, 280.258



72, 23.752, 300.723



42, 4.921, 278.047



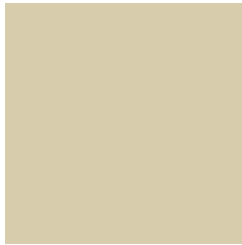
26, 80.654, 300.194



4, 22.778, 287.325

Previews

White Background



This preview shows how the CIELCh color 82, 17.390, 94.420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 17.390, 94.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

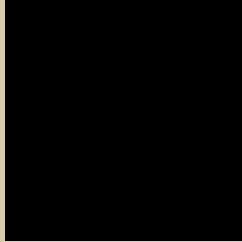
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

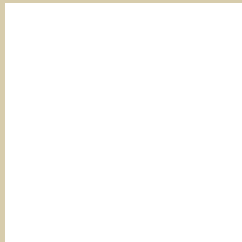
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 17.390, 94.420

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.390, 94.420.

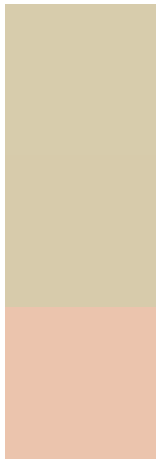


This preview shows how white text looks on a background with the CIELCh color 82, 17.390, 94.420.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


82, 17.390, 94.420

Protanopia

82, 17.508, 93.164

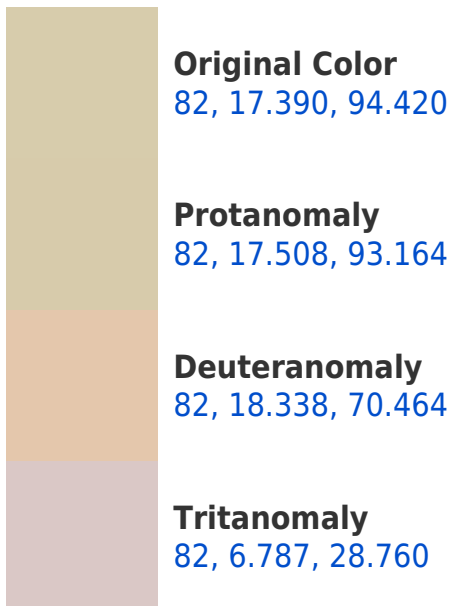
Deuteranopia

82, 19.734, 57.934



Tritanopia
82, 11.309, 335.695

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.390, 94.420 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.390, 94.420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 204, 172) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 204, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 204, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.390, 94.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
204, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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